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RCA-03/0043/69

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Basic Imagery Interpretation Report



**NATIONAL
PHOTOGRAPHIC
INTERPRETATION
CENTER**

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CHI NAN TELECOMMUNICATIONS CENTER

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CHINA

JUNE 1969

COPY NO. 113

.....3..... PAGES

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Declassification by NGA/DoD **TOP SECRET**

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25X1
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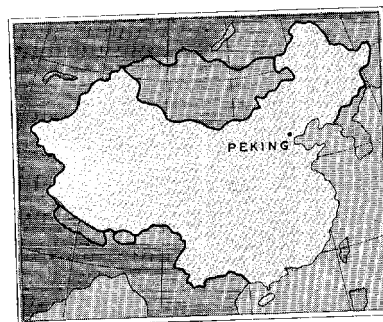
INSTALLATION OR ACTIVITY NAME		COUNTRY
Chi-nan Telecommunications Center		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	36-40-48N 116-59-01E	
MAP REFERENCE		
STC. Series 200, Sheet M0381-21HL, 3d ed, Jan 65, scale 1:200,000		
LATEST IMAGERY USED		NEGATION DATE (if required)
NA		NA

25X1

ABSTRACT

This report describes the Tsinan Communications Facility (Chi-nan Telecommunications Center), China, and includes a location map, an annotated photograph, and mensuration of significant features.

There are four other communications or broadcasting facilities known or suspected to be within a five-nautical-mile (nm) radius of Tsinan. The most recent available satellite photography of these facilities does not supply any information that would relate them to the Tsinan Communications Facility. These facilities are:



Tsinan Suspect SIGINT Facility; 36-40-20N 116-54-40E;

Tsinan High Frequency Communications Facility; 36-37-35N
116-52-20E;

Tsinan Radio Broadcast Station; 36-41-45N 117-05-02E;

Tsinan High Frequency Communications Facility; 36-39-10N
116-56-10E;

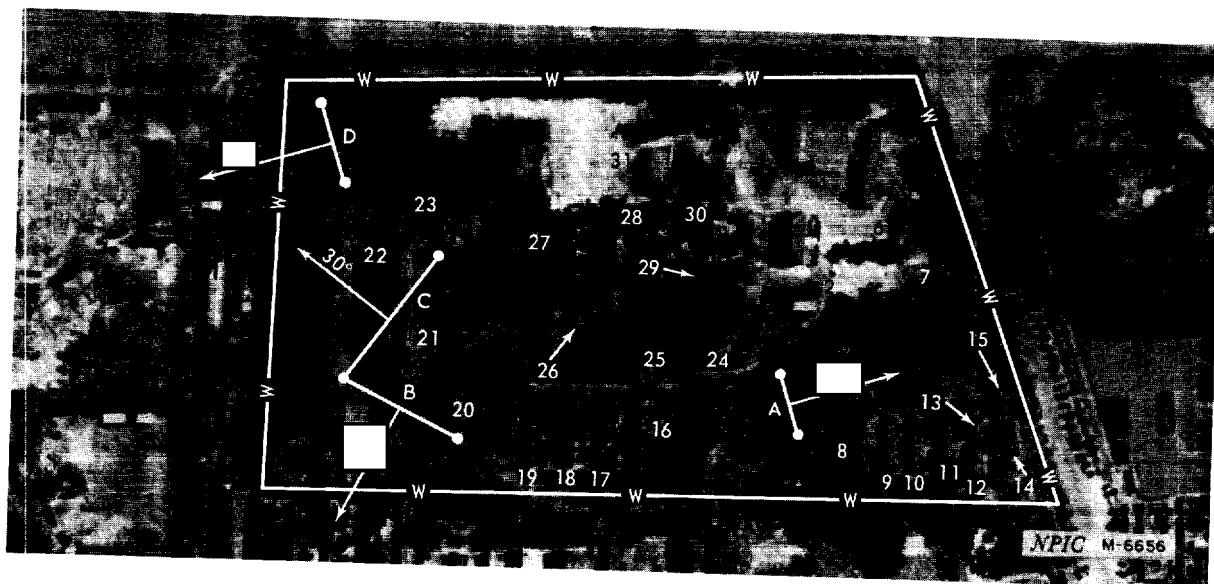
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25X1

25X1

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RCA-03/0043/69



ANTENNAS

ITEM	POLE HEIGHT (FT)	DISTANCE BET POLES (FT)	AZIMUTH (DEG)	PROB CORRESPONDENT
A Horizontal dipole	35	110		Peking
B Horizontal dipole*	60	220		Mukden
C Horizontal dipole*	60	250		Taiyuan
D Horizontal dipole*	35	155		Peking

*Antennas B and C could be utilized as a vee antenna with a 345 degree azimuth. However, the legs of the vee would not be equal unless insulators of unequal lengths were employed.

BUILDINGS

ITEM	POSSIBLE FUNCTION	DIMENSIONS (FT) L W
5	Administration/messhall	
6	Storage	
7	Storage	
8-11	Storage	
12	Storage	
13	Storage	
14	Storage	
15	Storage	
16-19	Housing/barracks	
20	Support	
21	Control	
22	Control	
23	Control	
24	Housing	
25	Housing	
26	Support	
27	Barracks	
28	Messhall	
29	Housing	
30	Housing	
31	Housing	

BUILDINGS

ITEM	POSSIBLE FUNCTION	DIMENSIONS (FT) L W H
1	Administration	
2	Administration/support	
3	Support/motor pool	
4	Support/storage	

Note: The measurements given are accurate to within ± 5 feet for lengths and widths, to within ± 10 feet for heights, and to within ± 5 degrees for azimuths.

FIGURE 1. TSINAN COMMUNICATIONS FACILITY

TOP SECRET

25X1

TOP SECRET

RCA-03/0043/69

25X1
25X1

BASIC DESCRIPTION

Tsinan Communications Facility (Figure 1) is located in the northern portion of Tsinan, China, in an industrial and residential section at an elevation of 150 feet. The facility is wall enclosed and contains four horizontal dipole high frequency communications antennas, and approximately 31 support and control buildings. The support area, located immediately south of the high frequency antennas, includes three administration buildings, four support buildings, ten storage buildings, 11 housing/messhall buildings, and three control buildings. Power and water are probably supplied from Tsinan city.

REFERENCES

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IMAGERY

MAPS OR CHARTS

ATC. Series 200, Sheet M0381-21HL, 3d ed, Jan 65, scale 1:200,000

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REQUIREMENT

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NPIC Project 210621

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- 3 -

TOP SECRET25X1
25X1

TOP SECRET

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